

Docket No.: S&ZFH040101

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

By: 

Date: January <sup>28</sup>~~26~~, 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applic. No. : 10/762,100 Confirmation No: 4565  
Applicant : Jürgen Herre et al.  
Filed : January 20, 2004  
Title : Apparatus and Method for Constructing a Multi-Channel Output  
Signal or for Generating a Downmix Signal  
Art Unit : 2643  
Examiner : to be assigned

Docket No. : S&ZFH040101  
Customer No. : 24131

INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner for Patents

Sir:

In accordance with 37 C.F.R. 1.98 copies of the following patents and/or publications are submitted herewith:

United States Patent Application Publication US 2003/0026441 A1 (Faller), dated February 6, 2003;

United States Patent Application Publication US 2003/0035553 A1 (Baumgarte et al.), dated February 20, 2003;

United States Patent Application Publication US 2003/0219130 A1 (Baumgarte et al.), dated November 27, 2003;

Jürgen Herre et al.: "Intensity Stereo Coding", *Audio Engineering Society, Convention Paper 3799, 96<sup>th</sup> Convention, February 26 – March 1, 1994, Amsterdam, Netherlands, pp. 1-10*;

Christof Faller et al.: "Binaural Cue Coding Applied to Stereo and Multi-Channel Audio Compression", *Audio Engineering Society, Convention Paper 5574*, 112<sup>th</sup> Convention, May 10-13, 2002, Munich, Germany, pp. 1-9;

Christof Faller et al.: "Binaural Cue Coding. Part II: Schemes and Applications", *IEEE Transactions on Speech and Audio Processing*, Vol. XX, No. Y, Month 2002, pp. 1-12;

Günther Theile et al.: "MUSICAM-Surround: A Universal Multi-Channel Coding System Compatible with ISO 11172-3", *Audio Engineering Society, Convention Paper 3403*, 93<sup>rd</sup> Convention, October 1-4, 1992, San Francisco, pp. 1-9;

B. Grill et al.: "Improved MPEG-2 Audio Multi-Channel Encoding", *Audio Engineering Society, Convention Paper 3865*, 96<sup>th</sup> Convention, February 26 – March 1, 1994, Amsterdam, Netherlands, pp. 1-9;

Frank Baumgarte et al.: "Binaural Cue Coding – Part I: Psychoacoustic Fundamentals and Design Principles", *IEEE Transactions on Speech and Audio processing*, Vol. 11, No. 6, November 2003, pp. 509-519;

Recommendation ITU-R BS 775-1: "Multichannel stereophonic sound system with and without accompanying picture", 11 pgs.;

Juergen Herre et al.: "MP3 Surround: Efficient and Compatible Coding of Multi-Channel Audio", *Audio Engineering Society, Convention Paper 6049*, 116<sup>th</sup> Convention, May 8-11, 2004, Berlin, Germany, pp. 1-14;

Joseph Hull: "Surround Sound Past, Present, and Future", *Dolby Laboratories*, 1999, pp 1-7;

Roger Dressler: "Dolby Surround Pro Logic II Decoder Principles of Operation", *Dolby Laboratories, Inc.*, 2000, pp. 1-7;

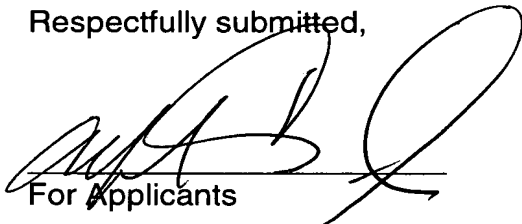
Jürgen Herre et al.: "Combined Stereo Coding", *Audio Engineering Society, Convention Paper 3369, 96<sup>th</sup> Convention, October 1-4, 1992, San Francisco, pp. 1-17*;

Dolby Laboratories, Inc. User's Manual: "Dolby DP563 Dolby Surround and Pro Logic II Encoder", *Issue 3, 2003*;

Minnetonka Audio Owner's Manual: "SurCode for DOLBY PRO LOGIC II", *pp. 1-23*.

As per the Notice in 1273 OG 55 (August 5, 2003) no copies of any above-mentioned U.S. patents and U.S. patent application publications are submitted for any application filed after June 30, 2003.

Respectfully submitted,



For Applicants

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Date: January 26, 2005

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FORM PTO-1449 (SUBSTITUTE)	Attorney Docket No.: S&ZFH040101	Applic. No. 10/762,100
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Applicant Jürgen Herre et al.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))	Filing Date January 20, 2004	Group Art Unit 2643

## U.S. PATENT DOCUMENTS

EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
	A	2003/0026441 A1	02/06/03	Faller			
	B	2003/0035553 A1	02/20/03	Baumgarte et al.			
	C	2003/0219130 A1	11/27/03	Baumgarte et al.			
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## FOREIGN PATENT DOCUMENT

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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	O	Jürgen Herre et al.: "Intensity Stereo Coding", AES 96 <sup>th</sup> Convention, February 26 – March 1, 1994, Amsterdam, Netherlands, AES preprint 3799, pp. 1-10
	P	Christof Faller et al.: "Binaural Cue Coding Applied to Stereo and Multi-Channel Audio Compression", Audio Engineering Society, Convention Paper 5574, 112 <sup>th</sup> Convention, May 10-13, 2002, Munich, Germany, pp. 1-9

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